

AUTHORS: Makarov, L. L., Vlasov, Yu. G. SOV/20-120-1-29/63

TITLE: The Thermodynamics of the Solid Solutions CsCl - RbCl at 25°  
(Termodinamika tverdykh rastvorov CsCl - RbCl pri 25°)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 1,  
pp. 111 - 113 (USSR)

ABSTRACT: The present paper determines the system CsCl - RbCl - H<sub>2</sub>O at 25° in order to determine the limits of the existence of the solid solution CsCl - RbCl and in order to investigate its thermodynamic properties. The experimental data as well as the results of the calculations carried out according to the relations by A. V. Storonkin and M. M. Shul'ts (Ref 2) are given in a table. The state of equilibrium between the liquid and solid phase was determined by means of a method elaborated by V. G. Khlopin which uses the isothermal removal of oversaturation with subsequent long term mixing (10 hours). The solid phase was investigated according to the method by Shreynemakers, using the radioactive isotopes Rb<sup>86</sup> and Cs<sup>134</sup> for the analysis. The experimental results compiled in a table show the following: CsCl and RbCl form solid solutions with a gap of mixability reaching from 10,7 to

Card 1/3

The Thermodynamics of the Solid Solutions CsCl - RbCl SOV2o-12o-1-29/63  
at 25°

93,3 molecular percent. The coefficients of the activity in the saturated solutions remain constant within the limits of error along the whole length of the isothermal line of solubility. In the solid phase the coefficients of the activity of the solvent on which the crystal structure of the solid solution depends are with great accuracy equal to unity. The coefficients of the activity of the dissolved substance maintain a constant value different from unity. In the latter case the deviation from the mean value is, however, greater. A table and a diagram show the results of the final calculation of the change of the chemical potentials  $\Delta \mu_{\text{CsCl}}$  and  $\Delta \mu_{\text{RbCl}}$  and of the change of the free energy in the formation of the solid solution CsCl-RbCl. The solid solution forms corresponding to the condition  $\partial \Delta \Phi / \partial x_2$ , where  $x_2$  denotes the molecular proportion of the dissolved substance.

The composition of the saturated solutions is determined by the coefficients of the activity of the two components. There are 1 figure, 2 tables, and 3 references, 2 of which are Soviet.

Card 2/3

The Thermodynamics of the Solid Solutions CsCl - RbCl SOV/20-120-1-29/63  
at 25°

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova  
(Leningrad State University imeni A.A.Zhdanov)

PRESENTED: December 27, 1957, by A.M.Terenin, Member, Academy of Sciences,  
USSR

SUBMITTED: December 24, 1957

1. Alkali metals--Thermodynamic properties
2. Alkali metals-water systems--Analysis
3. Rubidium isotopes (Radioactive)--Applications
4. Cesium isotopes (Radioactive)--Applications
5. Mathematics --Applications

Card 3/3

MAKAROV, L.L.; VLASOV, Yu.G.; KOPUNETS, R.

Thermodynamic study of the system  $\text{KBr} - \text{RbBr} - \text{H}_2\text{O}$  at 5 and  $45^\circ\text{C}$ . Part 1. Zhur. fiz. khim. 37 no.12:2763-2767 D '63.  
(MIRA 17:1)

1. Leningradskiy universitet imeni Zhdanova.

MAKAROV, I.I.; VIASOV, Ya.S.; KOPONETS, R. (Leningrad)

Thermodynamic study of the system  $KBr - RbBr - H_2O$ . vol 5 and 6 (1967).  
Zhur.fiz.khim. 38 no.8:1932-1941 Ag 16%. (MIRA 12:1)

L. Leningradskiy gosudarstvennyy universitet.

MAKAROV, L.L.; VLASOV, Yu.G.; IZOTOV, V.I. (Leningrad)

Thermodynamic investigation of the system  $\text{RbBr} - \text{RbCl} - \text{H}_2\text{O}$   
at 25 and 45°C. Zhur. fiz. khim. 38 no.10:2403-2407 0 '64.  
(MIRA 18:2)

1. Leningradskiy gosudarstvennyy universitet.

VLASOV, YU. G.

VLASOV, YU. G. -- "Investigation of Gas Supply Systems and the Regulation of the Power of a Gas Engine With Internal Fuel Atomization." Sub 8 Oct 52, Inst of Machine Science, Acad Sci USSR. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: VECHERNAYA MOSKVA, January-December 1952

VLASOV, Yu.G.

Dissertation by Yu.G.Vlasov: "Examining a gas-supplying system and the regulation of the capacity of a gas motor with internal fuel mixing." Izv. AN SSSR Otd.tekh.nauk no.8:1210-1211 Ag '53. (MLRA 6:8)  
(Gas and oil engines)

BYCHKOVA, V.Ye.; VLASOV, Yu.I.; TSVETKOV, V.N.

Diagnosis of viruses with asymmetrical particle forms by the  
method of birefringence in the stream. Trudy VIZR no.21:  
57-61 '64. (MIRA 18:12)

VLASOV, Yu.I.

Basic problems of agricultural virology. Study VIZR no.17;  
277-289 '63. (MIRA 1849)

VLASOV, Yu.I.; LARINA, E.I.

Some patterns of the luminescence of plant tissues during viral lesions of the necrotic type. Nauch. dokl. vys. shkoly; biol. nauki no.3:166-170 '63. (MIRA 16:9)

1. Rekomendovana Vsesoyuznym nauchno-issledovatel'skim institutom zashchity rasteniy.  
(Bioluminescence) (Virus diseases of plants)

VLASOV, Yu. I.

"Rol' usloviy zhizni rasteniy v evolyutsii fitopatogennykh virusov."

report presented at Symp on Virus Diseases, Moscow, 6-9 Oct 64.

Vsesoyuznyy institut zashchity rasteniy, Leningrad.

VLASOV, Yu.I., kand.biolog.nauk

Indicator plants for diagnosing viruses. Zashch. rast. ot vred.  
i bol. 6 no.3:49-50 Mr '61. (MIRA 15:6)

1. Vsesoyuznyy institut zashchity rasteniy.  
(Virus diseases of plants)

VLASOV, Yu.I.

"Photomicrography of phytopathogenic viruses with an electron microscope" by A.E. Protsenko and R.M. Legunkova. Reviewed by Yu.I. Vlasov. Zashch. rast. ot vred. i bol. 7 no.1:60 '62.

(MIRA 15:6)

(Photomicrography)

(Virus diseases of plants)

(Protsenko, A.E.)

(Legunkova, R.M.)

VLASOV, Yu.I., kand. biol. nauk, nauchn. sotr.; LARINA, E.I.,  
kand. biol. nauk, nauchn. sotr.; KRYLATOVA, S.A., red.

[Principal methods for the diagnosis of virus diseases  
of farm crops] Osnovnye metody diagnostiki virusnykh  
boleznei sel'skokhoziaistvennykh rastenii. Moskva, Sel'-  
khozizdat, 1963. 35 p. (MIRA 17:8)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo kho-  
zyaystva. Upravleniye nauki, propagandy i vnedreniya  
peredovogo opyta. 2. Vsesoyuznyy nauchno-issledovatel'-  
skiy institut zashchity rasteniy (for Vlasov, Larina).

USSR/Plant Diseases - Diseases of Cultivated Plants.

0.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15995

Author : Yu.I. Vlasov

Inst :

Title : The Tomato's Streak Resistance in Relation to Ecological Conditions.  
(Ustoychivost' tomata k striku v zavisimosti ot ekologicheskikh usloviy).

Orig Pub : Kokl. AN SSSR, 1956, 111, No 5, 1127-1129.

Abstract : The importance of temperature and light is brought out in the tomato's resistance to a simble streak. It has been established that the large-scale development of streak proceeds with lowered mean daily temperature and a drop in solar radiation. The tomato's hardiness to streak is increased when conditons are created which are optimal in the hothouse for its culture. This study was made at the Moscow Station for Plant Protection.

Card 1/1

VLASOV, Yu.I., kand.biologicheskikh nauk

Recent data on the virus diseases of plants in Central Asia.  
Zashch. rast. ot vred. 1 bol. 5 no.1:22-23 Ja '60.  
(MIRA 14:6)  
(Soviet Central Asia—Virus diseases of plants)

VLASOV, Yu.I., kand.biolog.nauk

Mosaic disease in cabbage. Dokl.Akad.sel'khoz. 24 no.2:45-47  
'59. (MIRA 12:11)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta zashchity rasteniy. Predstavlena sektsiyey zashchity  
rasteniy Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk  
imeni V.I.Lenina.

(Cabbage--Diseases and pests)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6

PLASOL, Inc.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860310015-6"

VLASOV, Yu. I.

"Resistance of Tomatoes to Blight and Mosaic Disease In Relation to Temperature and Light." Cand Biol Sci, All-Union Sci Res Inst of Plant Protection; All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin, Leningrad, 1955. (KL, No 11, Mar 55)

So: Sum. No 670, 29 Sept 55- Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

VLASOV, Yu. I., kand. biolog. nauk

Yellows of forage beans. Zashch. rast. ot vred. i bol. 8 no. 1:55  
Ja '63. (MIRA 16:5)

1. Vsesoyuznyy institut zashchity rasteniy.  
(Broad bean—Diseases and pests)  
(Virus diseases of plants)

VLASOV, Yu.I.; SHNEYDER, Yu.I.; POREMBSKAYA, N.B.,

Virus diseases of pulse crops. Zashch. rast. ot vred. i  
bol. 7 no.2:18-19 F '62. (MIRA 15:12)

1. Vsesoyuznyy institut zashchity rasteniy i Vsesoyuznyy  
institut kormov.

(Virus diseases of plants)  
(Legumes—Diseases and pests)

VLASOV, Yu. I., kand. biolog. nauk

Advice in agricultural virology. Zashch. rast. ot vred. i bol. 6  
no.6:36-37 Je '61. (MIRA 16:4)

1. Vsesoyuznyy institut zashchity rasteniy.

(Virus diseases of plants)

VLASOV, Yu.I.

Development of agricultural virology from A.A. Iachevskii's  
days to the present. Trudy VIZR no.23:105-111 '64.

(MIRA 19:2)

VLASKO, Yuriy Mikhaylovich; BARANOV, A.Ya., red.

[Tractor trains for hauling large building products]  
Avtopoezda dlia perevozki krupnorazmernykh stroitel'-  
nykh izdelii. Moskva, Transport, 1964. 65 p.  
(MIRA 17:9)

507/3539  
507/50-4-24(31)

TABLE I BOOK EXPLANATION

Vsesoyuznoye astronomo-gedesticheskoye obshchestvo

Bulleten', No. 24/31, 1959 (Bulletin, No. 24/31, 1959) Moscow, Izd-vo AN SSSR, 1959. 77 p. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Ed. of Publishing House: Ch.P. Gerasimov, Tech. Ed.: G.A. Artyukhin, Editorial Board: V.Y. Izrael, M.S. Bobrov, D.P. Kiselev, M.M. Kharin, I.Y. Loshakov, A.A. Kiselev, P.P. Pavlov, V.V. Ruzhitskiy, (Scientific Secretary).

PURPOSE: This publication is intended for astronomers, geophysicists, geodesists, and theoretical physicists.

CONTENT: This issue of the Bulletin of the All-Union Astronomical and Geodesic Society contains articles on lunar and solar eclipses, photographic observation of Jupiter and Perseid, noctilucent clouds, a collimating view finder, and the modeling of lunar cirques. The Bytysher Astronomical Observatory is described in a separate article. References accompany individual articles.

TABLE OF CONTENTS:

Stanyukovich, K.P. The Problem of the Physical Nature of Gravitation	3
Sharonov, V.Y. New Method for Evaluating the Brightness of Lunar Eclipses According to the Visibility of the Details on the Lunar Disc	10
Shchegolevskiy, Ye.Ye. Problem of Determining the Motion of Noctilucent Clouds	24
Sytinskaya, M.M. Photometry of Noctilucent Clouds by Means Available to Amateur Astronomers	25
Altschul, R.B. Changes of Total and Scattered Solar Radiation During the Solar Eclipses of June 30, 1954, According to Observations in Vilnius and Sverdlovsk	37
Chernov, A.M. Changes of Some Geophysical Factors in Stalingrad During the Total Solar Eclipses of December 8, 1955	41
Platon, Yu.P., and I.Y. Zolotarev Taking Photographs of Jupiter With Ocular Magnification	45
Shchegolev, P.P. Results of Modeling the Lunar Cirques on a Spherical Surface	53
Asatryan-Shamshin, D.L. Results of Photographic Observations of Perseid Through Poland	57
Pavlov, A.S. Construction and Application of Collimating View Finders	61
Chernitskiy, I.Ye. Bytysher Astronomical Observatory of the All-Union Astronomical and Geodesic Society	77

Paper, P.P. Aleksey Andreyevich Ignatov (Deceased)

AVAILABLE: Library of Congress

Card 3/3

24 Nov/59  
7-24-59

19

VLASOV, Yu.P.; ZOTKIN, I.T. (Moskva)

Photographing Jupiter with an ocular magnification. Biul.VAGO  
no.24:45-52 '59. (MIRA 13:4)

1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo  
obshchestva, otdel planet.  
(Jupiter (Planet))  
(Astronomical photography)

DONSKOY, A.V., doktor tekhn.nauk; VLASOV, Yu.S., inzh.; LUTSKER, I.Sh., inzh.

Thermistorized multipoint temperature signaling system.. Mekh.1  
avtom.proizv. 18 no.3:34 Mr '64. (MIRA 17:4)

**"APPROVED FOR RELEASE: 09/01/2001**

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Card 1/1

**APPROVED FOR RELEASE: 09/01/2001**

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VLASOV, Z.A.

16(1) PHASE I BOOK EXPLOITATION SOV/2660

Vassoyunuy matematicheskii s"yezd. 3rd, Moscow, 1956

Trudy. t. 4: Kratkoye sozhraniye sektiornykh dokladov. Doklady inostrannykh uchenykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow. vol. 4: Summary of Sectional Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959. 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskii Institut.

Tech. Ed. i. O.M. Shevchenko; Editorial Board: A.A. Abramov, V.O. Bol'tanskii, A.M. Vasil'yev, B.V. Medvedev, A.D. Myshkis, S.M. Nikol'skiy (Resp. Ed.), A.O. Postnikov, Yu. V. Prokhorov, K.A. Rybnikov, F. L. Ul'yanov, V.A. Uspenskii, M.O. Chetaev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the conference that were not included in the other volumes. The second part contains the texts of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the title of the paper is cited and, if the paper was printed in a previous volume, reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, functional analysis, probability theory, topology, mathematical problems of mechanics and physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

Abramov, A.A. (Moscow). Application of matrix analysis to the problems of mechanizing computational processes 92

Bol'tanskii, I.K. (Moscow), L.N. Korolev (Moscow), I.S. Nikitin (Moscow), D.Yu. Panov (Moscow), and S.M. Baranovskiy (Moscow). Automatic translation of one language into another on an electronic computer 93

Vlasov, Z.A. (Leningrad). On the approximate solution of boundary value problems for equations of elliptic type by the method of reduction to ordinary differential equations 93

Bitkin, V.A. (Moscow). On the theory of operational calculus for functions defined everywhere on a straight line 94

Pl'in, V.P. (Leningrad). A posteriori evaluation of error in the Runge-Kutta method for ordinary differential equations 94

Kozal', P.I. (Kiyev). Reducible systems of difference equations and the stability of their solutions 96

Card 18/ 34

VLASOV-DENISOV, V.N., doktor med.nauk

Result of the treatment of eclampsia [with summary in English].  
Akush. i gin. 34 no.1:23-27 Ja-F '58. (MIRA 11:4)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.A.Lebedev)  
II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.  
(ECLAMPSIA, ther.  
Stroganov's method & blood-letting (Rus))

VLASOV-DENISOV V. N.  
EXCERPTA MEDICA Sec 10 Vol. 11/9 Obstetrics Sep 58

1442. EXPERIENCE IN THE TREATMENT OF ECLAMPSIA (Russian text) -  
Vlasov-Denisov V. N. - AKUS. I GINEK. 1958, 1 (23-27)

The present issue deals with data of a 20-year experience (1931-1951) in the treatment of 506 patients with eclampsia by Stroganov's method coupled with massive bloodletting (700-800 and, occasionally up to 1,000 ml.). An expectant method of conducting labour was carried out - surgical intervention in eclampsia is considered by the author as harmful. Spontaneous labour took place in 403 women. Caesarean section was performed on 3 patients, forceps were applied in 78 cases, version - in 2, metreuryasis in 2, craniotomy in 11 (in 1 instance on a live foetus), frank breech presentation in 3 cases. Out of the 536 children 89 (16.6%) were stillborn - 15 of them died prior to arrival of patients at the hospital. Puerperal complications occurred in 10.1% of patients. Ten parturients died (1.9%). The author states that this method of treating eclampsia produced the lowest number, in the world's pertinent literature, of maternal mortality (1.9%), and 0.4%, when neglected and complicated cases are discounted.

*VLASOV-DENISOV, Vasilii Nikitich*

VLASOV-DENISOV, Vasilii Nikitich

VLASOV-DENISOV, Vasilii Nikitich - Academic degree of Doctor of Medical Sciences, based on his defense, 7 February 1955, in the Council of the Second Moscow State Medical Institute imeni Stalin, of his dissertation entitled: "Twenty years' experience in the treatment of eclampsia."  
For the Academic Degree of Doctor of Sciences

SO: Byulleten' Ministerstva Vyshego Obrazovaniya SSSR, List No. 2, 21 January 1956  
Decisions of the Higher Certification Commission concerning academic degrees and titles.

VLASOV-DENISOV, V. N.

"Twelve Years of Experience in the Treatment of Eclampsy." Dr Med Sci,  
Second Moscow State Medical Inst imeni I.V. Stalin, Moscow, 1954. (KL, No 2,  
Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

SHUL'T, Ioakhim; VLASOV-GOLOVATYY, A.N. [translator]; CHEREMUSHKINA,  
I.S. [translator]; KOSHELEV, Ya.G. [translator]; spetsred.;  
SHAVERDOVA, A.I., red.; DOPSENKO, A.A., tekhn.red.

[Under sail] Pod parusom. Moskva, Gos.izd-vo "Fizkul'tura  
i sport," 1960. 405 p. (MIRA 14:2)  
(Sailing)

S/682/61/000/003/008/008  
D234/D302

No 7/94  
AUTHOR:

Vlasov-Vlasyuk, O.B.

TITLE:

Transformation of signals in simulation of dynamical properties of gas-turbine engines

SOURCE:

Avtomaticeskoye regulirovaniye avaidvigately;  
sbornik statey. no. 3. Moscow, 1961, 113 - 134

TEXT:

The author makes an attempt to estimate the errors appearing in electronic simulation of gas-turbine engines, and to formulate the requirements to transforming devices used in it. Errors due to replacing the original system by a simplified one are studied and formulae for them deduced. Possible structures of some transforming devices (those transforming voltage into angular velocity and into pressure of air or gas) are described. It is found that the total error with respect to the number of revolutions of the turbocompressor shaft attains 6.5 to 8 % in transition regimes. The transforming devices are required to possess sufficient quickness of res-

Card 1/2

Transformation of signals ... S/682/61/000/003/008/008  
D234/D302

ponse and their degree of stability is determined from the condition that the error due to the device should not exceed the error due to substitution of the original system by a simplified one. V.A. Svetozarov is mentioned for his contributions in the field. There are 9 figures.

Card 2/2

X

30191  
S/194/61/000/C08/027/092  
D201/D304

13.7000

AUTHOR:

Vlasov-Vlasyuk, O.B.

TITLE:

Analogue determination of dynamic errors in the  
analysis of a real automatic control system

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika,  
no. 8, 1961, 33-34, abstract 8 V266 (V sb. Avtomat.  
regulirovaniye aviadvigateley, no. 2, M., Oborongiz,  
1960, 24-52)

TEXT:

Some aviation machinery has time constants 0.2 - 0.3  
sec., i.e. have a relatively small inertia. The analogue study of  
such objects, fitted with their actual control equipment is cum-  
bersome. This is due to the fact that it is difficult to design trans-  
ducer arrangements, whose dynamic properties would have no effect  
on the dynamics of the analyzed system. The requirements are anal-  
yzed as applied to the dynamic properties of transducers. Their  
allowable errors are determined from the conditions of these errors X

Card 1/2

Analogue determination...

30491  
S/194/61/000/008/027/092  
D201/D304

being equal to those obtained when the exact object is replaced by the one with approximate properties. Requirements are formulated as to the dynamic properties of transducers when simulating systems with delay. It is shown that the systematic error of an analogue consists of the following errors: introduction of transducers, replacing an exact system by an approximate one, replacement of a non-linear system and, eventually errors introduced by an approximate determination only of the object parameters. To determine the system's analogue errors it is enough to know the resulting linearized and the simplified system describing the motion of the object together with the transducer transfer function. If the object exhibits a delay, this delay should be partly reproduced by the transducer which would lower the requirements as to the transducer performance. It is shown that the analogue errors, as obtained when loading the system by the analyzed regulator, do not exceed those of the analogue itself including the transducers. 3 references.

[Abstracter's note: Complete translation]

Card 2/2

VLASOV-VLASYUK, O.B.

Automatic phase synchronization of propeller blades of multi-engine  
airplanes. Avtom.reg.aviadvig. no.4:70-94 '62. (MIRA 15:11)  
(Propellers, Aerial) (Synchros)

VLASOV-VLASYUK, O.B.

Signal conversion in simulating dynamic properties of gas-turbine engines. Avtom.reg.aviadvig. no.3:113-134 '61.

(MIRA 14:12)

(Electronic analog computers)

(Airplanes--Turbojet engines)

VLASOV-VLASYUK, O. B. ....

PHASE I BOOK EXPLOITATION

SOV/5295

Avtomaticheskoye regulirovaniye aviadvigateley; sbornik statey  
(Automatic Control of Aircraft Engines; Collection of Articles)  
No. 2. Moscow, Oborongiz, 1960. 134 p. 3,900 copies printed.

Ed.: Shevyakov, A. A.; Ed.: K. I. Grigorash; Technical Ed.: L. A.  
Garnukhina; Managing Ed.: A. S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for engineers specializing in air-  
craft engine design and operation.

COVERAGE: This collection of 7 articles deals with various sys-  
tems of aircraft engine control based on pneumatic, hydraulic,  
thermal, and electrical phenomena. One of the articles dis-  
cusses nuclear reactors as objects to be regulated. No person-  
alities are mentioned. References follow each article.

TABLE OF CONTENTS:

Foreword

3

Card 1/3

Automatic Control (Cont.)

SOV/5295

Stepanov, G. P. Errors in the Operation of Pneumatic Reducers  
Providing Proportional Reduction of Pressure 5

Vlasov-Vlasyuk, O. B. Determining Dynamic Errors in Investigating  
Real SAR (Sistema avtomaticheskogo regulirovaniya--Automatic  
Regulating System) Equipment on Modeling Stands 24

Kolpakova, N. P. Pneumatic Mechanism as an Element of an Auto-  
matic Control System 53

Voronkov, B. S. Nuclear Reactors as Objects To Be Regulated 66

Nefedova, V. I. Computing Static Characteristics of Linearized  
Relay Amplifiers Having Polarized Relays 107

Kolosov, S. P. On Temperature-Forcing Devices in Electric  
Windings 123

Card 2/3

Automatic Control (Cont.)

SOV/5295

Prakhov, A. M. On the Actual Speed of Liquids in the Nozzle Outlet of a Centrifugal Atomizer

131

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Card 3/3

AC/rn/ec  
7-20-61

MATSEYEVSKIY, B.; VLASOVA, A.; LEPIN', L.[Liepina, L.]

Kinetics of oxidation of iron (FeII) salts in aqueous solutions by  
oxidation under dynamic conditions. 3.Oxidation of ferrous chloride.  
Vestis Latv ak no.12:85-90 '60. (EEAI 10:9)

(Iron chlorides) (Solutions) (Water)

INOZEMTSEV, D.; VLASOVA, A., starshiy inzh.; SIDORENKO, I.; IVANOVA, A.,  
oblitsovshchitsa

School of progressive practices. Stroitel' no.1:27-28 Ja '61.

(MIRA 14:2)

1. Nachal'nik uchastka SSMU-29 tresta Sochispetsstroy (for Inozemtsev).
  2. Proizvodstvenno-tekhnicheskiy otдел tresta Sakhstroy (Arzamas)  
(for Vlasova).
  3. Brigadir shtukaturov SMU-35 tresta BelGESstroy  
(for Sidorenko).
  4. SSMU-3 tresta Krasnodarstroy (for Ivanova).
- (Building—Technological innovations)

MATSEYEVSKIY, B.; VLASOVA, A.; LEPIN<sup>1</sup>, L. [Lisepina, L.]

Kinetics of the ferrous salts oxygen. II. Reactions in aqueous solutions under dynamic conditions. IV. Reaction rate order in oxygen. Vestis Latv ak no.2:123-126 '61.  
(EEAI 10:9)

(Iron) (Oxygen) (Water) (Solutions)

VLASOVA, A. (Ioshkar-Ola)

Twenty-fifth anniversary of the establishment of the Yoshkar-Ola  
medical school in the Marii Autonomous Republic. Fel'd. i akush.  
21 no.4:63 Ap '56. (MLRA 9:8)  
(YOSHKAR-OLA--MEDICAL COLLEGES)

VIASOVA, A., kandidat ekonomicheskikh nauk (Sverdlovsk)

Assembly line in shoe repairing. Prem. keep. no. 8:10-11 Ag '56.  
(MLRA 9:10)

1. Nauchnyy sotrudnik Ural'skego filiala Akademii nauk SSSR.  
(Beets and shoes--Repairing)

MATSEYEVSKIY, B.; VLASOVA, A.; LEPIN', L. [Liepina, L.]

Oxidation kinetics of iron (II) salts in aqueous solutions by oxygen under dynamic conditions. Report No.4: Order of oxidation reactions of iron (II) sulfate and chloride in relation to oxygen. Vestis Latv ak no.2:123-126 '61.

CA VLASOVA, A.

4

The influence of a layer of poorly conducting material covering a precipitator electrode on phenomena in an electrostatic filter. A. Vlasova, I. Glotov, and N. Kaprizov (Moscow State Univ.). *Zhur. Tekh. Fiz.* 17, 1371-80 (1947). Such layers raise the potential everywhere within the precipitation but especially near the wire. The potential distribution curve is higher, the greater the resistance of the layer on the cylinder. For gypsum and paraffin there is a layer thickness for which the potential distribution curve lies below that given by clean electrodes. When the discharge current passes through a poorly conducting layer, a surface charge accumulates, raising the surface potential. This increase varies directly with layer thickness and current. Cyrus Feldman

KELDYSH, M.V., akademik; FEDOROV, Ye.K., akademik; ARTSIMOVICH, L.A., akademik;  
SISAKYAN, A.M., akademik; GORSEIY, I.I.; IAPLOVA, P.I.; POK, V.A.;  
LANDAU, L.D.; LIFSHITS, Ye.M.; SPAL'NIKOV, A.I.; KALITVNIKOV, I.K.;  
AIZENBERG, N.Ye.; VAYNSHTEYN, L.A.; PALLADIN, A.V., akademik;  
SATPAYEV, A.I., akademik; AMBARTSUMYAN, V.A., akademik; LUFREYCH,  
V.F.; MUSKHELISHVILI, N.I., akademik; KARAKYEV, K.K.; MUSTEL', E.R.;  
MASEVICH, A.G., doktor fiz.-matem.nauk; EFRON, B.M.; MARTYNOV, D.Ya.,  
prof.; GABOR'YEV, A.A., akademik; MAROV, K.K., prof.; COLOVANOVA,  
A.G., prof.; FILATOVA, L.G., prof.; FEYVE, Ya.V.; SEMIKHATOV, B.N.,  
prof.; TITOV, A.G.; RYCHAGOV, G.I.; BARSEYAY, V.F.; VLASOV, A.A.;  
BARANOVA, Ye.P.; KIBARDINA, L.A.; ISACHENKO, A.F.; IL'INA, Yu.P.;  
DANILOV, A.I., prof.; PLAUE, K.K.; NECHAYEVA, T.N., prof.; CHEPEK,  
L., doktor; SZANTO, Ladislav, akademik; BELACHIK, Yozef; FAN KLOK  
V'YEN; EYGENSON, M.S., prof. (L'vov); STARKOV, N.; AERAMOVICH, Yu.;  
VOSKRESENSKIY, V.; KROPACHEV, A.; REZVOY, D., prof., (L'vov);  
KONDRAT'YEV, V.N., akademik; LEEEDINSKIY, V.I., kand.geol.-mineral.-  
nauk; YANSHIN, A.L., akademik

"Priroda" is 50 years old. Priroda 51 no.1:3-16 Ja '62.

(MIRA 15:1)

1. Prezident AN SSSR (for Keldysh). 2. Glavnyy uchenyy sekretar'  
Prezidiuma AN SSSR (for Fedorov). 3. Akademik-sekretar' Otdeleniya  
fiziko-matem.nauk AN SSSR (for Artsimovich). 4. Akademik-sekretar'  
Otdeleniya biologicheskikh nauk AN SSSR (for Sisakyan). 5. Chlen-  
korrespondent AN SSSR, zamestitel' akademika-sekretarya Otdeleniya

(Continued on next card)

PYTEL', N.N., inzh.; DRUGALEVA, Z.S., inzh.; VIASOVA, A.A., inzh.

Development of specialization in the electric equipment industry  
of the Sverdlovsk Economic Region. Vest.elektroprom. 31 no.11:1-  
4 N '60. (MIRA 13:12)

(Sverdlovsk Province—Electric industries)

TSELINSKAYA, O.L., starshiy inzh., red.; VLASOVA, A.A., starshiy inzh., red.; MOISEYEV, I.N., red.; IVANOVA, Z.V., tekhn. red.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo. 1959. Vol.2. [Basin of the Black Sea (exclusive of the Caucasus)] Bassein Chernogo moria (bez Kavkaza). No.0-1 [Basin of the Black Sea exclusive of the basin of the Dnieper River] Bassein Chernogo moria bez basseina reki Dnepr. Pod red. O.L.Tselinskoi. 1961. 244 p. 1958. Vol. 9. No. 0-6. Pod red. A.A.Vlasovoi. 1961. 576 p. (MIRA 15:3)

1. Otdel gidrologii Upravleniya gidrometeorologicheskoy sluzhby Dal'nego Vostoka (for Vlasova). (Siberia, Eastern--Hydrology) (Black Sea region--Hydrology)

VLASOVA, Antonina Aleksandrovna; DRUGALEVA, Zinaida Samuilovna;  
ZHUKOVA, Larisa Mikhaylovna; GOLUBEVA, K.A., inzh., retsen-  
zent; MASLIY, K.Ya., zuborez, retsenzent; ZHUKOV, P.A., kand.  
ekon.nauk, red.; SERAFIMOVICH, B.V., red. vypuska; HELYAKOV,  
M.N., red.; ROZENBERG, I.A., kand.ekon.nauk, red.; SMIRNITS-  
KIY, Ye.K., kand.ekon.nauk, red.; SUSTAVOV, M.I., inzh., red.;  
DUGINA, N.A., tekhn.red.

[How to increase labor productivity] Kak povysit' proizvodi-  
tel'nost' truda. Moskva, Mashgiz, 1960. 37 p. (Biblioteka  
rabochego mashinostroitelia: Seriya "Osnovy konkretnoi ekono-  
miki," no.6) (MIRA 14:5)  
(Machinery industry--Labor productivity)

V-9274-17

✓ 1549. Distillation method for determination of small amounts of impurities in gases. V. G. Pavlovskii, A. R. Rovinskii and A. A. Vlasova. Zavod. Lab., 1955, 21 (10), 1108-1110. An apparatus involving condensation and evaporation of gases is described; constants are found from pressure readings. It is suitable for determining the purity of krypton. G. S. SMITH

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VLASOVA, A.A.

p. 2, 4

PHASE I BOOK EXPLOITATION

1170

Vsesoyuznyy elektrotekhnicheskiy institut

Nizkiye temperatury i redkiye gazy (Low Temperatures and Rare Gases)  
Moscow, Gosenergoizdat, 1958. 286 p. (Series: Its: Trudy, vyp. 61)  
2,260 copies printed.

Ed. (title page): Fastovskiy, V.G.; Doctor of Technical Sciences; Ed. (inside book): Zhigarev, A.A.; Tech. Ed.: Larionov, G. Ye. Editorial Board of Series: Andrianov, K.A., Biryukov, V.G. (chief ed.), Butkevich, G.V. (deputy chief ed.); Granovskiy, V.L., Kalitvyanskiy, V.I., Timofeyev, P.V., Fastovskiy, V.G., Shemayev, A.M.

PURPOSE: This book is intended for scientists and technicians concerned with storing, handling, obtaining and utilizing atmospheric gases (especially oxygen and rare gases).

COVERAGE: The volume is one of a series published by the All-Union Electrical Engineering Institute imeni V. I. Lenin. The Collection includes main projects carried out during the period 1947-1955 by scientists and technicians of the Low-temperature Laboratory headed by Doctor of Technical Sciences, Professor  
Card 1/5

Low Temperatures and Rare Gases

1170

V.G. Fostovskiy, with Acting Senior Scientist, Candidate of Technical Sciences  
Yu.V. Petrovskiy, and Senior Scientist, Candidate of Technical Sciences  
A.Ye. Rovinskiy. Engineer A.A. Vlasova and Senior Technician Z.N. Kosova  
took part in the experimental work. References are given at the end of each  
article.

TABLE OF CONTENTS ;

Fastovskiy, V. G., Professor, Doctor of Technical Sciences and Petrovskiy, Yu. V., Candidate of Technical Sciences. Several Questions on Obtaining Oxygen for Technical Purposes	5
Fastovskiy, V.G. and Petrovskiy, Yu.V. A Complex Set-up for Liquifying Hydrogen and Separating Neon-Helium Mixtures by the Condensation Method	25
Fastovskiy, V.G. and Petrovskiy, Yu.V. Set-up for the Liquification of Helium	34
Fastovskiy, V.G. and Rovinskiy, A.Ye., Candidate of Technical Sciences. Investigation of the Absorption of Rare Gases and Their Accompanying Gases	48

Card 2/5

Low Temperatures and Rare Gases

1170

Fastovskiy, V.G. and Rovinskiy, A.Ye. The Adsorption Method of Separating Neon-Helium Mixture	67
Fastovskiy, V.G. and Petrovskiy, Yu.V. Investigating Phase Equilibrium of Liquified Gases	99
Fastovskiy, V.G. and Petrovskiy, Yu.V. Investigating Liquid and Vapor Equilibrium in the System Oxygen-Argon-Nitrogen	116
Fastovskiy, V.G. and Petrovskiy, Yu.V. The Influence of Argon on the Air Rectification Process	123
Fastovskiy, V.G. and Petrovskiy, Yu.V. Several Questions on the Technical Preparation of Argon	139
Fastovskiy, V.G. and Petrovskiy, Yu.V. Research on the Industrial Preparation of Krypton	154

Card 3/5

Low Temperatures and Rare Gases	1170
Fastovskiy, V.G. and Petrovskiy, Yu.V. The Rectification Method of obtaining Pure Krypton	162
Fastovskiy, V.G., Rovinskiy, A.Ye., and Petrovskiy, Yu.V. Obtaining Pure Xenon	174
Rovinskiy, A.Ye. and <u>Vlasova, A.A.</u> , Senior Technician, Engineer. Removal of Oxygen From Inert Gases	185
Fastovskiy, V.G. and Rovinskiy, A.Ye. Gas Analysis	195
Petrovskiy, Yu.V. Small-scale Apparatus for Preparing Liquid Air	220
Rovinskiy, A.Ye. and <u>Vlasova, A.A.</u> The Production of Ozone by Corona Discharge	232
Fastovskiy, V.G. and Rovinskiy, A.Ye. Intensification of the Cooling of High-voltage Mercury Arc Rectifiers	242

Card 4/5

Low Temperature and Rare Gases

1170

Fastovskiy, V.G. and Rovinskiy, A.Ye. Investigation of Heat Emission in  
a Spiral Channel

255

Fastovskiy, V.G. and Rovinskiy, A.Ye. Experimental Investigation of  
Columns With Multi - layered Netted Fittings

264

AVAILABLE: Library of Congress

Card 5/5

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VLH 0000, 11 11  
USSR/Chemical Technology -- Chemical Products and Their Application. Fertilizers,  
I-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1450

Author: Povolotskiy, L. I., and Vlasova, A. A.

Institution: None

Title: Improved Storage of Mineral Fertilizers

Original

Periodical: Standartizatsiya, 1956, No 3, 72-74

Abstract: An analysis of mineral fertilizers is presented showing that  
fertilizer quality decreases sharply when the latter is stored  
under unsatisfactory conditions by the consumer.

Card 1/1

VLASOVA, A.A., inzhener.

Granular ammonium nitrate. Standartizatsiia no.2:69 Mr-ip '57.  
(Ammonium nitrate--Standards) (MIRA 10:6)

S/116/60/000/011/001/012  
E194/E484

AUTHORS: Pytel', N.N., Engineer, Drugaleva, Z.S., Engineer and  
Vlasova, A.A., Engineer

TITLE: The Development of Specialization<sup>14</sup> in the Electro-  
Technical Industry of the Sverdlovsk Economic Region

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.11, pp.1-4

TEXT: The electro-technical industry of the Sverdlovsk economic region covers a wide range of products. It is accordingly possible to make effective use of specialization in manufacture both in particular factories and in particular branches of the industry. Specialization within a branch of the industry is accomplished as follows: (1) the various items produced are redistributed between factories so that each concentrates on a smaller range of products which it produces with increased output; (2) the manufacture of products which are auxiliary to the production of the main electrical engineering and instrument works is withdrawn from the existing works and concentrated in new and reconstructed works; (3) the production of products which are not specific to electrical engineering or instrument manufacture is concentrated in

Card 1/4

S/110/60/000/011/001/012  
E194/E484

The Development of Specialization in the Electro-Technical Industry  
of the Sverdlovsk Economic Region

specialized works of a general engineering character. By this means space is freed in the main works and the organization can be simplified, moreover, manufacture in the new works is more economic. A few examples of this kind of reorganization are quoted. The Baranchinskiy Electro-Mechanical Works formerly produced 400 different types of various kinds of machines with outputs ranging from 2.8 to 400 kW. The works had four shops concentrated on different kinds of production each with relatively small output. For many years the works did not fulfil its plan in respect of range of equipment produced, labour productivity or cost. In 1957, the works was relieved of production of certain sizes of electric motor and simultaneously the organization of labour and specialization within the works was improved. This reorganization has resulted in considerably increased output. At the same time the Kamensk-Uralskiy Electro-Mechanical Works was specialized and its output was increased. It was decided to specialize the Uralelektroapparat Works on large electrical machines and equipment manufacture. The works was relieved of the production of certain kinds of small

Card 2/4

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E194/E484

The Development of Specialization in the Electro-Technical Industry  
of the Sverdlovsk Economic Region

series products, production of which was organized in a special works for high voltage equipment at Nizhnyaya Tura. Flow and conveyor methods of production were introduced at the new works where output greatly increased. The space freed at the Uralkabel' Works was used to extend the insulation shop which had held up the development of manufacture of various kinds of heavy electrical engineering equipment. A typical example of specialization between branches of industry is the organization of the production of Radio-sondes which are manufactured by the Gidrometpribor Works. The demand for these sondes has greatly increased and the best solution was found to be to specialize the manufacture of separate assemblies or units in different factories, which greatly increased the output. The Bobrova Works has begun to specialize on the production of solid insulation. In 1958, the Uralkabel' Works was freed of the manufacture of various kinds of products not directly appertaining to cables. It is intended further to specialize the Uralkabel' Works which will be relieved of the manufacture of current transformers and circuit

Card 3/4

S/110/60/000/011/001/012  
E194/E484

The Development of Specialization in the Electro-Technical Industry  
of the Sverdlovsk Economic Region

breakers. Later on it will be freed of the manufacture of solid insulation and lightning dischargers. All these will be transferred to other factories. The manufacture of a number of other products which bear no relation to its main function will also be removed from the works. Experience of the Council of National Economy of the Sverdlovsk Region in specializing manufacture in the ways described has been very satisfactory. Specialization must, of course, be closely associated with improved design and methods of manufacture. The installation of flow line, mechanized and automatic methods of manufacture is being delayed by the shortage of qualified engineers. ✓

SUBMITTED: July 29, 1960

Card 4/4

VIASOVA, A.A., kand.ekonomicheskikh nauk; DRUGALEVA, Z.S., kand.  
ekonomicheskikh nauk; ZHUKOVA, L.M., kand.ekonomicheskikh  
nauk

System of intrafactory specialization. Vest.mach. 40  
no.9:73-74 S '60. (MIRA 13:9)  
(Factory management)

M

Country : USSR  
Category: Cultivated Plants. Potatoes. Vegetables.  
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, No 100310

Author : Vlasova, A.A.  
Inst : Far-Eastern Univ.  
Title : On the Infection of Tomatoes with Phytophthora  
in Primorskiy Kray.

Orig Pub: Uch. zap. Dal'nevost. un-ta, 1957, vyp. 1, 213-  
215

Abstract: In 1955-1956, a study of up to 152 specimens  
of tomato varieties to determine their resist-  
ance to Phytophthora infestans de Bary was  
carried out at the Far Eastern Experiment

Card : 1/3

M

Country : USSR  
Category: Cultivated Plants. Potatoes. Vegetables.  
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, No 100310

Station of the All-Union Plant Cultivation Institute. Phytophthora affects tomatoes of the most diverse origins regardless of the length of the vegetative period, even the wild growing species - Peruvian (*L. peruvianum*) and the hairy (*L. hirsutum*). In the Peruvian, the leaves and fruits were affected and in the hairy - the leaves (in the conditions of Primor'ye, it does not fruit, the flowers drop off). Both were affected with macrosporiosis and septoriosiis; in addition, on the 15 of August the Peruvian suffered heavy destruction

Card : 2/3

M-69

M

Country : USSR  
Category: Cultivated Plants. Potatoes. Vegetables.  
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, No 100310

caused by the ladybird beetle (*Epilachna vigintioctomaculata*), whereas the other specimens of the collection were untouched. Most resistant to *Phytophthora* proved to be *Vishnevidnyy* (0% of the large fruits), *Urozhaynyy* (0.3%), *Pushkinskiy* (3%), *Vishnevidnyy* L. *peruvianum* (17%). Among 31 hybrids from *L. hirsutum* crossed with *Urozhaynyy* and *Pushkinskiy*, all of the fruits were healthy only on one. The author throws doubt on the feasibility of utilizing the Peruvian and the hairy specimens as the primary ones in breeding for immunity.  
M.V. Dranishnikov

Card : 3/3

86110

S/112/59/000/012/030/097

A052/A001

// 1120

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 12, p. 78,  
# 24447

AUTHORS: Ravinskiy, A.Ye., Vlasova, A.A.

TITLE: Ozone Production in Electric Glow Discharge ↗

PERIODICAL: Tr. Vses. elektrotekhn. in-ta, 1958, No. 61, pp. 232-241

TEXT: It is pointed out that with an increase of exposition the production of ozone from oxygen or air increases reaching the maximum at  $\tau = 100-200$  sec. A further increase of exposition does not lead to an increase in the output of ozone. The maximum concentration of ozone in an ozonizer of a given design can be achieved at the minimum gas flow velocity, the maximum voltage and at a complete drying of the gas. In experiments with a number of ozonizers of the same type it has been found out that the energy output of ozone (in grams of ozone per 1 kw/hour of energy consumed in the ozonizer) depends practically on voltage only and amounts to 0.13-0.23 w/ml at the voltage on ozonizers changing from 10 to 12.5 kv. To ✓

Card 1/2

86110

Ozone Production in Electric Glow Discharge

S/112/59/000/012/030/097  
A052/A001

obtain the maximum concentrations of ozone the air humidity must not exceed 1.2 g/m<sup>3</sup>. A detailed description of the design of a portable ozonizer is given; the ozonizer secures a concentration of ozone of over 5.5% at an efficiency of over 70 l/hour.

N.N.T.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

VLASOVA, A.A.; SHAPIRO, R.I.

Production capacity of the No.1 Moscow Container Plant.  
Trudy NIL Tary no.4:90-94 '60. (MIRA 14:12)  
(Moscow---Container industry)

VLASOVA, A.G.

Evaluation of the results of treatment and indices for sending patients to the Mirgorod Health Resort. Vop. kur., fizioter. i lech. fiz. kul't. 28 no.5:464 S-O '63. (MIRA 17:9)

1. Zaveduyushchaya meditsinskoy chast'yu kurorta Mirgorod.

L 52304-65 ENT.MJ, ENF 3 PC-4 3A

070680/55/038/003/0708.0709

ACCESSION NR: APS0008819

A. I. Vlasova, A. I.

TITLE: Setting of resin

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 3, 1965, 708-709

TOPIC TAGS: polyester plastic, resin, metallic zinc, catalyst

The effect of metallic zinc on toughening and other physical-  
chemical properties of polyester resin was studied. The rate of resin tough-  
ening in the resin was studied. A similar cor-

art. has

Cont 1/2

**"APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001860310015-6**

**APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001860310015-6"**

POZNYAK, L.A., kand. tekhn. nauk; SHKATOV, A.P., inzh; STEYN, F.S.;  
ORLOVA, L.M.; VLASOVA, A.I.; Prinimali uchastiye: DANIL'CHENKO,  
A.M., tekhnik; GREBENSHCHIKOV, V.P., tekhnik

Steels used for the manufacture of cold extrusion tools and their  
heat treatment. [Nauch. trudy] ENIKMASHa 7:111-134 '63.  
(MIRA 16:7)

(Extrusion (Metals)—Equipment and supplies)  
(Tool steel—Heat treatment)

SHARONOVA, N.F.; LIFSHITS, A.A.; VLASOVA, A.M.

Composition of and methods for purifying waste waters formed  
in the production of pharmaceutical compounds. Trudy VNIIT  
no.12:253-265 '63. (MIRA 18:11)

VLASOVA, A.N., dotsent

Aleksandr Andreevich Kisel; the 100th anniversary of his birth.  
Sov.med. 24 no.9:145-148 S '60. (MIRA 13:11)  
(KISEL, Aleksandr Andreevich, 1859-1938)

KISEL', Aleksandr Andreyevich, prof., zasl.deyatel' nauki [deceased]; KISEL', V.A., sostavitel'-red.; BELYAYEVA, Ye.D., red.; BUBNOVA, M.M., red.; VLASOVA, A.N., red.; GANTUSHINA, Ye.Kh., red.; GROMBAKH, S.M., red.; KONYUS, E.M., red.; KUDRYAVTSEVA, A.I., red.; MAYZEL', I.Ye., red.; MARKUZON, V.D., red.; MOSHKOVSKIY, Sh.D., red.; PELEVINA, M.P., red.; POKHITONOVA, M.P., red.; SAVVATIMSKAYA, N.P., red.; FRIDMAN, R.A., red.; SHIRVINDT, B.G., red.; EDEL'MAN, Z.I., red.; GAVERLAND, M.I., tekhn.red.

[Selected works. Jubilee edition on the 100th anniversary of his birth, 1859-1959] Izbrannye trudy. Iubileinoe izdanie k 100-letiu so dnia rozhdeniia, 1859-1959 gg. Moskva, Gos.izd-vo med.lit-ry, 1960. 427 p. (MIRA 13:10)

(PEDIATRICS)

VLASOVA, A.N.

Dynamics of the gamma globulin fraction of the blood serum in  
dysentery in children. *Pediatrics* 38 no.1:35-39 '60. (MIRA 13:10)

(GAMMA GLOBULIN) (DYSENTERY)

VLASOVA, A.N.

Dynamics of the gamma globulin fraction of blood serum in  
dysentery in children. *Pediatria* 38 no.4:35-39 Apr '60.  
(MIRA 16:7)

1. Iz kafedry gosital'noy pediatrii (zav.-prof. K.F.Popov)  
II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova  
(dir.-vrach M.N. Kalugina), Moskvy.  
(GAMMA GLOBULIN) (DYSENTERY)

VLASOVA, A.N., kand.med.nauk; YEREMEYEVA, A.S.; LANDA, N.M.

Erythromyelosis (Di Guglielmo's disease) in a 10-month-old girl. *Pediatrics* no.7:76-77 '61. (MIRA 14:9)

1. Iz kafedry gosspital'noy pediatrii (zav. - prof. K.F. Popov),  
kafedry propedevtiki detskikh bolezney (zav. - prof. V.A. Vlasov)  
II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova,  
dizenteriyogo otdeleniya (zav. - zasluzhennyy vrach SSSR P.I.  
Bogomolova) i patologoanatomicheskogo otdeleniya (zav. N.I.  
Soboleva) na baze Detskoy bol'nitsy imeni N.F. Filatova (glav-  
nyy vrach M.N. Kalugina).  
(LEUKEMIA)

VLASOVA, A.N.; REMIZOVA, Z.A.; KRIZOVSKAYA, N.I.

Characteristics of the course of pneumonias in viral influenza in children. *Pediatrilia* 37 no.9:15-18 S '59. (MIRA 13:2)

1. Iz kafedry gosptal'noy pediatrii (zaveduyushchiy - prof. K.F. Popov), kafedry propedevtiki detskikh bolezney (zaveduyushchiy - prof. V.A. Vlasov) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova, iz rentgenovskogo otdeleniya detskoy bol'nitsy imeni N.F. Filatova (glavnyy vrach M.N. Kalugina).

(PNEUMONIA compl.)

(INFLUENZA compl.)

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7383

Author : Vlasova, A. P.

Inst : Alma-Ata Zooveterinary Institute

Title : Milk Production of Auliyeatinskaya Breed Cows  
at the Dzhambul'skiy Beet Sovkhoz

Orig Pub : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10,  
48-57

Abstract : The milk production of cows of the Dzhambul'skiy beet kolkhoz amounts to 3600-3800 kg with a fat content of 3.7-3.8 percent. The level of the cows' milk production depended upon the age of the animals (the maximum milking yield was reached at the age of 4 parturitions), upon live weight (direct correlation), upon

Card 1/2

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7383

the age at first parturition. The age of the animal, the season of the year and the season of parturition, as well as feeding and keeping conditions influenced the milk's fat content.

Card 2/2

60

VLASOVA, A.P., *Sov. Agri Sci* --(cine) "Breeding a herd of Ayliyeatinsk  
cattle from the Dzhambul beet sovkhos," Alma-Ata, 1960, 18 pp (Alma-Ata  
Zooveterinary Institute) (KL, 30-60, 116)

~~RUDOY, B.~~ VLASOVA, A. S.  
RUDOY, B., doktor khimicheskikh nauk, laureat Stalinskoy premii; VLASOVA, A. S.  
kandidat biologicheskikh nauk

Chemical composition of the kernels of several corn varieties. Muk.-  
ele.prom.21 no.9:7-8 S '55. (MLRA 8:12)

1. Novocherkasskiy zooveterinarnyy institut  
(Corn (Maize))

Country : USSR

M

Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 11, 1958, No 48897

Author : Lobov, M.F.; Rudoy, B.Z.; Stadnichuk, P.F., Vlasova,  
A.S.

Inst : -

Title : Effect of Fertilizers on the Yield and Chemical Composition of Grain under Conditions of Irrigation.

Orig Pub: Kukuruz, 1956, No 9, 31-32

Abstract: No abstract.

Card : 1/1

M-43

M-4

USSR/Cultivated Plants. Fodders.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29859

Author : Rudoy, B.Z., Stadnichuk, P.F., Vlasova, A.S., Mozzhukhina, S.V., Apenkina, A.A.

Inst : The Novocherkask Technical Zoological and Veterinary Institute.

Title : The Effect of Cultivation Conditions on the Chemical Composition of the Seeds and Cobs of Corn.

Orig Pub : Tr. Novocherkasskogo zootekhn.-vet. in-ta, 1957, vyp. 10, 125-132.

Abstract : A chemical analysis of corn cobs of various varieties has shown the high food value of not only the kernels but of the cobs themselves as well, containing up to 50% carbohydrates, 3.5% protein and ~ 1% fat. The joint application of compost and  $P_c$  (20 t. per ha. + 1 centner per ha.)

Card 1/2

USSR/Cultivated Plants - Fodders.

M-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29859

on the Groznenskiy Krug variety with irrigation being used increased the cob yield by more than 22 centners per ha. On fertilized ground an increment in the number of plants per bunch from 2 to 3 increased the yield by 30%. Fertilization with  $P_0$  increased the protein content by 2.5 centners per ha., the amount of P and K in the grains and decreased the content of cellulose.

Card 2/2

- 44 -

VLASOVA, A.V.

VLASOVA, A.V. "The Selection and Cultivation of Varieties of Potato not Subject to 'spotty tuber Rust' for Primorsky Krai." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Inst of Plant Growing. Leningrad, 1956, (Dissertation for the Degree of Candidate in Biological Science)

So: Knizhnaya Letopis', No. 18, 1956,

VLASOVA, B. M.

USSR.

10642\* Investigation of the Thermoelectrical Properties of Bismuth Telluride. Issledovanie termoelektricheskikh svoystv tellurida vismuta. (Russian.) B. M. Vlasova and L. S. Sil'ban. Zhurnal Tekhnicheskoi Fiziki, v. 23, no. 4, Apr. 1955, p. 569-576.

Effect of temperature on conductivity and Hall effect of electronic and vacancy types. Analysis of test methods. Circuit diagrams, graphs, table, diagrams. 5 ref.

S/137/60/000/008/001/009  
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 8, p. 5,  
# 16744

AUTHORS: Ivanov, B. V., Vlasova, D. K.

TITLE: On the Properties of High-Alumina Refractories Produced From Keyvy  
Kyanites and Their Changes During Operation in a Steel-Teeming Ladle

PERIODICAL: Izv. Karel'sk. i Kol'sk. fil. AN SSSR, 1959, No. 3, pp. 102-114

TEXT: Petrographical investigations were made with specimens obtained from  
Keyvy kyanite concentrates: roasted concentrates at 1,600°C; experimental  
refractories after testing to slag resistance and after operation in a steel-  
teeming ladle. It is noted that granular concentrate has higher purity and  
contains up to 52%  $Al_2O_3$ ; after annealing it is completely transformed into  
fine-fibrous mullite and acid glass. Experimental refractory products showed  
good resistance to open-hearth slags and high durability in the lining of ladles  
when teeming alloyed steel exceeding 2 - 2.5 times that of chamotte linings.  
There are 5 references. N. M.

Translator's note: This is the full translation of the original Russian abstract.  
Card 1/1

IVANOV, B.V.; VLASOVA, D.K.

Properties of a high-alumina refractory made from Koryv cyanites  
and changes taking place during service in a ladle for casting  
steel. Izv.Kar.i Kol'.fil.AN SSSR no.3:102-114 '59.  
(MIRA 13:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralologii i geokhimii AN SSSR.  
(Cyanite) (Refractory materials)

VLASOVA, D.K.

USSR/Physical Chemistry - Thermodynamics, Thermochemistry. B-8  
Equilibrium, Physicochemical Analysis, Phase Transitions

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3745

Author : Zharikov V.A., Vlasova D.K.

Inst : Academy of Sciences USSR

Title : Composition-Properties Diagram of Pyroxenes of Isomorphous Series Diopside - Hedenbergite - Johansenite.

Orig Pub : Dokl. AN SSSR, 1955, 105, No 4, 814-817

Abstract : Investigated was the correlation between composition and optical properties of pyroxenes of the isomorphous series diopside-hedenbergite-johansenite. The results are reproduced by composition-properties diagrams. Presented are the existing and the proposed nomenclatures of manganese pyroxenes.

Card 1/1

- 91 -

SOKOLOV, G.A., doktor geol.-min. nauk, otv. red. Prinimali uchastiye: VLASOVA, D.K.; GLAGOLEV, A.A.; ZHARIKOV, V.A.; LOGINOV, V.P.; LUKIN, L.I.; MYAKEL'YA, R.O.; OMEL'YANENKO, B.I.; OSTROVSKIY, I.A.; PERTSEV, N.N.; PODDLESSKIY, K.V.; RUSINOV, L.V.; SOFIANO, T.A.; TIMOFEYeva, L.K.; SHABYNIN, L.I.; SHADLUN, T.N.; LAPIN, V.V., red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Physicochemical problems in connection with the formation of rocks and ores] Fiziko-khimicheskije problemy formirovaniia gornyykh porod i rud. Moskva, Vol.1. 1961. 658 p. (MIRA 14:10)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralologii i geokhimii. 2. Institut geologii rudnykh mestorozhdenii, petrografii, mineralologii i geokhimii AN SSSR, Moskva (for Vlasova, Glagolev, Zharikov, Omel'yanenko, Ostrovskiy, Pertsov, Shabynin). 3. Moskovskiy geologo-razvedochnyy institut im.S.Ordzhonikidze (for Shabynin, Pertsev.)

(Petrology)

EXCERPTA MEDICA Sec 8 Vol 12/1 Neurology Jan 59

235. UROSEPSIS IN BATTLE INJURIES OF THE SPINE AND SPINAL CORD  
(Russian text) - Vlasova E. F. - VOPR. NEIROKHIR. 1958, 2 (26-32)

This study comprises 500 cases of war injuries to various areas of the spine, the spinal cord, the roots and the coverings, treated between 1942 and 1947. As early as in 1942 the management of these cases has been changed from a conservative approach to early laminectomy and cystostomy as the basic method of controlling infection of the urinary tract. Various exogenous and endogenous factors play an important rôle in the development of urinary sepsis. Studies concerning P and Ca metabolism have been conducted in order to elucidate the rôle of diathesis. Immunologic changes enhancing the development of septic growth are connected with trophic, motor, sensory, secretory, and vasomotor disturbances due to the damaged spinal cord. The inflammatory processes of the mucous membrane of the urinary bladder develop during the first days after the injury in the absence of significant bacterial flora which is brought to the bladder by the blood stream from infected wounds

Tyndel - Toronto

VLASOVA, N. M. (Grad Stud)

Dissertation: "An Investigation of the Methods for Measuring the Functions of Correlation." Cand Tech Sci, Moscow Electrical Engineering Institute of Communications, 17 Jun 54. (Vechernnyaya Moskva, Moscow, 8 Jun 54)

SO: 302 318, 23 Dec 1954